

STATEMENT
OF
WORK
(SOW)

FOR THE REBUILD OF THE AAV
POWER TAKE OFF ASSEMBLY

NSN
2990-00-225-3220

OR

POWER TAKEOFF ASSEMBLY
WITH CONTAINER

NSN
2990-00-118-4942

SOW-02-834-1-84409B-1/2

Dated 29 November 2000

STATEMENT OF WORK FOR THE REBUILD
OF THE
POWER TAKE OFF ASSEMBLY
NSN 2990-00-225-3220
OR
POWER TAKE OFF ASSEMBLY WITH CONTAINER
NSN 2990-00-118-4942

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1.0 SCOPE. This Statement of Work (SOW), along with TM 8F152B-25&P/A establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor facility in the rebuild of the Assault Amphibious Vehicle (AAV) Power Take-Off (PTO) or the PTO with Container. These documents contain minimum requirements to restore the PTO or PTO with Container to Condition Code "A". Condition Code "A" is defined as "serviceable/ issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitations or restrictions". National Stock Number "NSN" 2990-00-225-3220 identifies the PTO and NSN 2990-00-118-4942 identifies the PTO with Container.

1.1 BACKGROUND. Rebuild is defined as that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item; inspection of all parts or components, repair or replacement of worn or unserviceable parts using original manufacturing tolerances and/or specifications and subsequent reassembly of the item.

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-2073-1D	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice for Military Marking

2.2 Other Government Documents and Publications

DoD 4160.21-M	Defense Materiel Disposition Manual
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Material from the Federal Supply System

TM 2350-45	DMA Standard Procedures
TM-8F152B-25&P/A	Power Plant Assembly AAV7A1
ECP 5183	Drawing Of Transmission/PTO
2587768	Naval Sea System Command Drawing for the Power Take Off
2589053	Naval Sea System Command Drawing for the Power Take Off With Container
RS 3.4A	Rebuild Standard for the AAV, P7A1

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance
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2.3 Industry Standards

ANSI/ISO/ASQC Q9003-1994	Quality Systems-Model for Quality Assurance in Final Inspection and Test
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Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management
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Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Document Automation and Product Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Commercial (215) 697-2179 or DSN 442-01279 or <http://www.dodssp.daps.mil>. Copies of handbooks, publications and other Government documents required by the contractor in connection with specific SOW requirements shall be obtained, in writing, from: Commander, Marine Corps Logistics Bases, Attn: Publication Branch (Code 876), Albany, Georgia 31704-5000. Commercial (229) 639-5818/19, or DSN 567-5818/19. Copies of Drawings and Engineering Change Proposals required by the contractor shall be obtained in writing from Life Cycle Management Center, Attn (Code 851-3) 814 Radford Blvd Suite 20302, Albany, Georgia, 31704-0320, Commercial (229) 639-6410 or DSN 567-6410.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall:

a. Provide materials, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, rebuild, and calibrate as required to make the PTO or the PTO with Container fully operational. Upon completion of rebuild, the PTO or the PTO with Container shall be Condition Code "A".

b. Conduct final-on-site testing, which may be witnessed by Marine Corps Logistics Base Albany, Georgia (MARCORLOGBASEALB), (Code 834-1) representative at his/her discretion.

c. The contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the PTO or the PTO with Container as specified in TM-8F152B-25&P/A, RS 3.4A, MIL-STD-2073-1D, and MIL-STD-129.

d. Ensure all PTO or PTO with Container meet the configuration of Naval Sea System Command Drawings 2587768 or 2589053.

e. All mandatory replacement parts identified in TM-8F152B-25&P/A shall be replaced 100%. Economically repairable replacement parts may be reused if they meet the applicable inspection requirements in TM 2350-45. All parts shall be disposed of in accordance with DoD 4160.21-M.

3.2 Detailed Tasks. The following tasks describe the different phases for the rebuild of the PTO or the PTO with Container.

3.2.1 Phase I – Rebuild. The contractor shall receive PTO or the PTO with Container for rebuild. The contractor shall then disassemble the PTO or the PTO with Container into components in accordance with the requirements in TM 8F152B-25&P/A and this SOW. The contractor shall be responsible for supplying all equipment, tools, test equipment, and materials, for the conduct of this effort. The contractor shall be responsible for the integration and assembly of all components. The Engineering Change Proposal (ECP) 5183, of this SOW, shall be applied during the rebuild process. The configuration Identification for the PTO is defined by the specifications annotated on current revision level of Naval Sea System Command drawing 2587768. The PTO with Container is defined by the specifications annotated on current revision level of Naval Sea System Command drawing 2589053A. Rebuild Data Plate shall be installed centered in the rear below the item identification plate. The rebuild data plate shall contain the following (REBUILT BY:) (INSPECTED BY:) and (DATE REBUILT:). The plate shall be no more than .008 in thickness, "2 3/4" in length and 3/4" in height.

3.2.2 Phase II - Inspection, Testing, and Acceptance

Inspection, testing, and acceptance of the PTO or the PTO with Container shall be conducted in accordance with TM 8F152B-25&P/A and ANSI/ISO/ASQC Q9003-1994. The contractor shall correct any deficiencies discovered.

3.2.3 Phase III – Packaging, Handling, Storage, and Transportation (PHS&T)

a. The contractor shall be responsible for preservation and packaging for items repaired under the terms of this SOW. Items being prepared for long term storage, or immediate shipment to overseas destinations shall be level "A" in accordance with MIL-STD-2037-1D, Method 55 for NSN 2990-00-118-4942 and Method 52 for NSN 2990-00-225-3220. Items being prepared for domestic shipment, immediate use or short-term storage shall be to level "B".

b. Marking shall be in accordance with MIL-STD-129.

c. The Marine Corps shall provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps shall be responsible for transportation costs associated with the shipping the subject equipment to and from the contractor.

3.3 Configuration Management

a. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to item's documented performance or design characteristics without prior authorization. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request for Deviation. MIL-HDBK-61 (paragraph 4.3 and Table 4-9) and ANSI/EIA-649 (paragraph 5.3.4) provide guidance for preparing these configuration control documents.

b. The creation and submission of the RFDs shall be accomplished using MEARS CREATE software, which resides at a secure web site; <http://mearsweb.redstone.army.mil>. The contractor shall request user-id and password privileges from the contracting activity for the purpose of gaining access to the web site and creating RFDs. MEARS CREATE privileges for the contractor shall be limited to two representatives and shall provide their e-mail address to the contracting agency upon selection. The contractor shall notify the contracting activity by electronic mail when completed MEARS RFDs are ready for formal submission and review. The contractor shall direct technical or functional questions concerning usage of MEARS CREATE software to the contracting activity for guidance.

3.4 Government Furnished Equipment (GFE) and Government Furnished Materiel (GFM)

GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into a product being manufactured/remanufactured under a contract/SOW. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA) at MARCORLOGBASEALB (/MCA/Code 827-2) will coordinate required GFE and will maintain a central control on Marine assets in the Contractors possession. The MCA will

forward a GFE Accountability Agreement to the Contractor for signature to establish a chain of custody and property responsibility for Marine Corps assets.

3.5 Contractor Furnished Materiel (CFM)

The Marine Corps has adopted the Navy's procedures regarding CFM (NAVICPINST 4491.2A). In the event that CFM is required for repair parts, the contractor will requisition through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.6 Quality Assurance Provisions

3.6.1 The performance of the contractor's quality of work performed, material provided and documents written shall be subject to in-process review and inspection by the MARCORLOGBASEALB (Code 834-1) representative during contract performance. Inspection may be accomplished at any work location. The MARCORLOGBASEALB (Code 834-1) representative requires at a minimum, two weeks notice of acceptance test to allow for sufficient time for MARCORLOGBASEALB (834-1) representative to witness the test if he or she desires. Inspection by the MARCORLOGBASEALB (834-1) representative of acceptance tests, materiel's and associated lists furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet the SOW requirements, which may be disclosed prior to final acceptance.

3.6.2 The contractor shall provide and maintain a Quality System that as a minimum adheres to the requirements of ANSI/ISO/ASQC Q9003-1994. The contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by MARCORLOGBASEALB (Code 834-1) representative. Noncompliance with these quality assurance procedures resulting in degraded quality of work may result in a stop-work order requiring action by the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such inspection, it shall be the contractor's responsibility to ensure that the entire system meets the performance requirements of this SOW.

4.0 Report/Documentation

4.1 Report/Documentation that is required:

a. The contractor shall provide a monthly Production Status Report summarizing the progress and status of the PTO or PTO with Container.

(1 Data Item)

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
<i>ES Hoffman</i>	<i>10/10/00</i>	<i>ES Hoffman</i>	<i>10/10/00</i>

18. ESTIMATED
TOTAL PRICE

(1 Data Item)

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G. PREPARED BY Doug Smith	H. DATE 10-03-00	I. APPROVED BY [Signature]	J. DATE 10/10/00
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE